ELSEVIER

Journal of Non-Crystalline Solids 201 (1996) 277–278

JOURNAL OF
NON-CRYSTALLINE SOLIDS

Author index

Agarwal, P., S.K. Tripathi, S. Kumar and S.C. Agarwal, Comparison of thermal and light induced metastabilities in lithium doped a-Si:H [1] 201 (1996) 163
Agarwal, S.C., see Agarwal, P. 201 (1996) 163
Awazu, K., Comments on 'Thermal and photo-initiated reactions of H_2 with germanosilicate optical fibers' 201 (1996) 267

Bahl, O.P., see Parashar, V.K. 201 (1996) 150
Barandiarán, J.M., see Herreros, J. 201 (1996) 102
Benazzi, N., J. Vinckel and J.G. Gasser, Absolute thermoelectric power of liquid germanium doped with gallium 201 (1996) 172
Besson, J.-L., see Lemercier, H. 201 (1996) 128
Bettinelli, M., A. Speghini, M. Ferrari and M. Montagna, Spectroscopic investigation of zinc borate glasses doped with trivalent europium ions 201 (1996) 211
Bo, Z., see Zhu, J. 201 (1996) 47
Boek, H., see Ponader, C.W. 201 (1996) 81
Braglia, M., J. Kraus and S. Mosso, Core/clad compositions with high numerical aperture for single-mode fluoride fibres 201 (1996) 237

Cao, X., see Koltypin, Yu. 201 (1996) 159
Carreño, M.N.P., see Pereyra, I. 201 (1996) 110
Chechetkina, E.A., Key distinctions in activation parameters of viscous flow for 'strong' and 'fragile' glass-forming liquids 201 (1996) 146
Chen, Y., see Guo, G. 201 (1996) 262
Colmenares, C., see Connor, M.W. 201 (1996) 76
Connor, M.W. and C. Colmenares, X-ray photoelectron characterization of SiO_2 aerogel 201 (1996) 76

Davis, K.M. and M. Tomozawa, An infrared spectroscopic study of water-related species in silica glasses 201 (1996) 177
De, G., A. Licciulli and M. Nacucchi, Uniformly dispersed Pr^{+3} doped silica glass by the sol–gel process 201 (1996) 153
De, G., M. Epifani and A. Licciulli, Copper-ruby monoliths by the sol–gel process 201 (1996) 250
Dickinson Jr., J.E., see Ponader, C.W. 201 (1996) 81
Dong, D., see Zhu, J. 201 (1996) 47

Epifani, M., see De, G. 201 (1996) 250

Fargeot, D., see Lemercier, H. 201 (1996) 128
Ferrari, M., see Bettinelli, M. 201 (1996) 211
Fricke, J., see Löbmann, P. 201 (1996) 66

García-Arribas, A., see Herreros, J. 201 (1996) 102
Gasser, J.G., see Benazzi, N. 201 (1996) 172
Gedanken, A., see Koltypin, Yu. 201 (1996) 159
Glaubitt, W., see Löbmann, P. 201 (1996) 66
Göritz, D., see Wittkop, M. 201 (1996) 199
Greene, B.I., A response to K. Awazu's comments on 'Thermal and photo- initiated reactions of H_2 with germanosilicate optical fibers' 201 (1996) 272
Gross, J., see Löbmann, P. 201 (1996) 66
Guo, G. and Y. Chen, Thermal analysis and infrared measurements of a lead–barium–aluminum phosphate glass 201 (1996) 262

Haluska, M., see Meingast, C. 201 (1996) 167
Herreros, J., J.M. Barandiarán and A. García-Arribas, Preparation of Fe–Co–P amorphous alloys by electrodeposition 201 (1996) 102
Hölzl, Th., see Wittkop, M. 201 (1996) 199
Hu, Z., see Zou, Z. 201 (1996) 246

Innocenzi, P., H. Kozuka and T. Yoko, Dimer-to-monomer transformation of rhodamine 6G in sol–gel silica films 201 (1996) 26
Ito, S., see Tadanaga, K. 201 (1996) 231

Jamal, M., see Shareefuddin, Md. 201 (1996) 95

Katabi, G., see Koltypin, Yu. 201 (1996) 159
Koltypin, Yu., G. Katabi, X. Cao, R. Prozorov and A. Gedanken, Sonochemical preparation of amorphous nickel 201 (1996) 159
Komatsu, T., see Sato, R. 201 (1996) 222
Kounavis, P. and E. Mytilineou, The defect states in sputtered Ge–Se–Bi films 201 (1996) 119

Kozuka, H., see Innocenzi, P. 201 (1996) 26
Kraus, J., see Braglia, M. 201 (1996) 237
Kreitmeier, S., see Wittkop, M. 201 (1996) 199
Kumar, S., see Agarwal, P. 201 (1996) 163
Kuzmany, H., see Meingast, C. 201 (1996) 167

Lemercier, H., T. Rouxel, D. Fargeot, J.-L. Besson and B. Piriou, Yttrium SiAlON glasses: structure and mechanical properties — elasticity and viscosity 201 (1996) 128
Licciulli, A., see De, G. 201 (1996) 153
Licciulli, A., see De, G. 201 (1996) 250
Löbmann, P., J. Gross, W. Glaubitt and J. Fricke, Structural investigations on lead titanate xerogels and aerogels 201 (1996) 66

Matusita, K., see Sato, R. 201 (1996) 222
McCormick, A.V., see Pozarnsky, G.A. 201 (1996) 175
Meingast, C., M. Haluska and H. Kuzmany, Non-linear and non-exponential volume relaxation at the orientational 'glass' transition in solid C_{60} 201 (1996) 167
Minami, T., see Tadanaga, K. 201 (1996) 231
Montagna, M., see Bettinelli, M. 201 (1996) 211
Mosso, S., see Braglia, M. 201 (1996) 237
Mytilineou, E., see Kounavis, P. 201 (1996) 119

Nacucchi, M., see De, G. 201 (1996) 153
Narasimha Chary, M., see Shareefuddin, Md. 201 (1996) 95

Parashar, V.K., V. Raman and O.P. Bahl, Sol–gel preparation of silica gel monoliths 201 (1996) 150
Pereyra, I. and M.N.P. Carreño, Wide gap a-$Si_{1-x}C_x$:H thin films obtained under starving plasma deposition conditions 201 (1996) 110
Piriou, B., see Lemercier, H. 201 (1996) 128
Ponader, C.W., H. Boek and J.E. Dickinson Jr., X-ray absorption study of the coordination of titanium in sodium–titanium. –silicate glasses 201 (1996) 81
Pozarnsky, G.A. and A.V. McCormick, Erratum. Multinuclear NMR study of aluminosilicate sol–gel synthesis using the prehydrolysis method, J. Non-Cryst. Solids 190 (1995) 212–225 201 (1996) 175
Prozorov, R., see Koltypin, Yu. 201 (1996) 159

Raman, V., see Parashar, V.K. 201 (1996) 150
Rao, K.J., see Sobha, K.C. 201 (1996) 52
Rouxel, T., see Lemercier, H. 201 (1996) 128

Sato, R., T. Komatsu and K. Matusita, Unique physical properties and fragility of $50CuO_x$ $-50P_2O_5$ glasses 201 (1996) 222
Scherer, G.W., Bending of gel beams: Effect of deflection rate and Hertzian indentation 201 (1996) 1
Shareefuddin, Md., M. Jamal and M. Narasimha Chary, Electron spin resonance and optical absorption spectra of Cu^{2+} ions in xNaI–$(30-x)Na_2O$–$70B_2O_3$ glasses 201 (1996) 95
Sobha, K.C. and K.J. Rao, Investigation of phosphate glasses with the general formula $A_xB_yP_3O_{12}$ where A = Li, Na or K and B = Fe, Ga, Ti, Ge, V or Nb 201 (1996) 52
Speghini, A., see Bettinelli, M. 201 (1996) 211

Tadanaga, K., S. Ito, T. Minami and N. Tohge, Precursor structure and microstructure of Al_2O_3 xerogels prepared from aluminum-tri-sec-butoxide chemically modified with mono-, di-, tri-ethanolamines 201 (1996) 231
Tohge, N., see Tadanaga, K. 201 (1996) 231
Tomozawa, M., see Davis, K.M. 201 (1996) 177
Toratani, H., see Zou, X. 201 (1996) 37
Tripathi, S.K., see Agarwal, P. 201 (1996) 163

Vinckel, J., see Benazzi, N. 201 (1996) 172

Wittkop, M., Th. Hölzl, S. Kreitmeier and D. Göritz, A Monte Carlo study of the glass transition in three-dimensional polymer melts 201 (1996) 199

Yoko, T., see Innocenzi, P. 201 (1996) 26

Zhou, W., Method for exploring glass-forming regions in new systems 201 (1996) 256
Zhu, J., Z. Bo and D. Dong, Crystallization kinetics of InF_3 based glass by differential scanning calorimetry 201 (1996) 47
Zou, X. and H. Toratani, Blue and green upconversion fluorescences of Ho^{3+} in fluoride glasses 201 (1996) 37
Zou, Z. and Z. Hu, Compositional dependence of crystallization in the glass-ceramics system Bi_2O_3–In_2O_3–CuO–B_2O_3 201 (1996) 246

ELSEVIER

Journal of Non-Crystalline Solids 201 (1996) 279–281

JOURNAL OF NON-CRYSTALLINE SOLIDS

Subject index

Aerogels
Electron Microscopy, Gels, Piezoresistance, Thermal Properties 201 (1996) 66
Silica, XPS 201 (1996) 76

Alkali Borate Glasses
Electron Spin Resonance, Glasses Containing Transition Metal Ions, Optical Properties 201 (1996) 95

Alloys
Electrodeposition, Glasses Containing Transition Metal Ions 201 (1996) 102
Photoinduced Effects, Silicon, Thermal Properties 201 (1996) 163

Carbon
Glass Transition, Modelling 201 (1996) 167

Chalcogenide Glasses
Defects, Semiconductors, Thin Films 201 (1996) 119

Colloids
Optical Properties, Sol–Gel Processes 201 (1996) 250

Conductivity
Crystallization, Oxides 201 (1996) 246

Crystallization
Conductivity, Oxides 201 (1996) 246
Differential Scanning Calorimetry, Differential Thermal Analysis, Phosphates, Thermal Properties 201 (1996) 52
Differential Scanning Calorimetry, Halide Glasses 201 (1996) 47
Fibers, Fluoride Glasses 201 (1996) 237

Defects
Chalcogenide Glasses, Semiconductors, Thin Films 201 (1996) 119

Differential Scanning Calorimetry
Crystallization, Differential Thermal Analysis, Phosphates, Thermal Properties 201 (1996) 52
Crystallization, Halide Glasses 201 (1996) 47

Differential Thermal Analysis
Crystallization, Differential Scanning Calorimetry, Phosphates, Thermal Properties 201 (1996) 52

Drying
Fluorescence Spectra, Sol–Gel Processes 201 (1996) 26
Sol–Gel Processes 201 (1996) 150

Elastic Properties
Mechanical Properties, Oxides, Viscosity 201 (1996) 128

Electrodeposition
Alloys, Glasses Containing Transition Metal Ions 201 (1996) 102

Electron Microscopy
Aerogels, Gels, Piezoresistance, Thermal Properties 201 (1996) 66
Glasses Containing Transition Metal Ions, Magnetic Properties, Particles, Thermal Properties 201 (1996) 159

Electron Spin Resonance
Alkali Borate Glasses, Glasses Containing Transition Metal Ions, Optical Properties 201 (1996) 95

EXAFS
Glasses Containing Transition Metal Ions, Silicates, Structure, XANES 201 (1996) 81

Fibers
Crystallization, Fluoride Glasses 201 (1996) 237
Phase Separation, Thermal Properties 201 (1996) 267
Phase Separation, Thermal Properties 201 (1996) 272

Fluorescence Spectra
Drying, Sol–Gel Processes 201 (1996) 26
Halide Glasses, Lasers, Rare Earth Ions 201 (1996) 37

Fluoride Glasses
Crystallization, Fibers 201 (1996) 237

Gels
Aerogels, Electron Microscopy, Piezoresistance, Thermal Properties 201 (1996) 66

Germanium
Liquid Metals, Transport Properties – Liquids 201 (1996) 172

Glass Formation
Modelling 201 (1996) 256

Glass Transition
Carbon, Modelling 201 (1996) 167
Monte Carlo Simulations, Polymer Melt 201 (1996) 199

Glasses Containing Transition Metal Ions
Alkali Borate Glasses, Electron Spin Resonance, Optical Properties 201 (1996) 95
Alloys, Electrodeposition 201 (1996) 102
Electron Microscopy, Magnetic Properties, Particles, Thermal Properties 201 (1996) 159
EXAFS, Silicates, Structure, XANES 201 (1996) 81

Halide Glasses
Crystallization, Differential Scanning Calorimetry 201 (1996) 47
Fluorescence Spectra, Lasers, Rare Earth Ions 201 (1996) 37

Hydrogen in Glass
Infra-red Absorption, Silica, Water in Glass 201 (1996) 177

Infra-red Absorption
Hydrogen in Glass, Silica, Water in Glass 201 (1996) 177
Plasma Deposition, Silicon Carbide, Thin Films 201 (1996) 110

Lasers
Fluorescence Spectra, Halide Glasses, Rare Earth Ions 201 (1996) 37

Liquid Metals
Germanium, Transport Properties – Liquids 201 (1996) 172

Liquids
Viscosity 201 (1996) 146

Luminescence
Rare Earth Ions 201 (1996) 211

Magnetic Properties
Electron Microscopy, Glasses Containing Transition Metal Ions, Particles, Thermal Properties 201 (1996) 159

Mechanical Properties
Elastic Properties, Oxides, Viscosity 201 (1996) 128
Modelling, Sol–Gel Processes 201 (1996) 1

Modelling
Carbon, Glass Transition 201 (1996) 167
Glass Formation 201 (1996) 256
Mechanical Properties, Sol–Gel Processes 201 (1996) 1
Phosphates, Structure 201 (1996) 222

Monte Carlo Simulations
Glass Transition, Polymer Melt 201 (1996) 199

Optical Properties
Alkali Borate Glasses, Electron Spin Resonance, Glasses Containing Transition Metal Ions 201 (1996) 95
Colloids, Sol–Gel Processes 201 (1996) 250

Oxides
Conductivity, Crystallization 201 (1996) 246
Elastic Properties, Mechanical Properties, Viscosity 201 (1996) 128

Particles
Electron Microscopy, Glasses Containing Transition Metal Ions, Magnetic Properties, Thermal Properties 201 (1996) 159

Phase Separation
Fibers, Thermal Properties 201 (1996) 267
Fibers, Thermal Properties 201 (1996) 272

Phosphates
Crystallization, Differential Scanning Calorimetry, Differential Thermal Analysis, Thermal Properties 201 (1996) 52
Modelling, Structure 201 (1996) 222
Thermal Properties 201 (1996) 262

Photoinduced Effects
Alloys, Silicon, Thermal Properties 201 (1996) 163

Piezoresistance
Aerogels, Electron Microscopy, Gels, Thermal Properties 201 (1996) 66

Plasma Deposition
Infra-red Absorption, Silicon Carbide, Thin Films 201 (1996) 110

Polymer Melt
Glass Transition, Monte Carlo Simulations 201 (1996) 199

Rare Earth Ions
Fluorescence Spectra, Halide Glasses, Lasers 201 (1996) 37
Luminescence 201 (1996) 211
Sol–Gel Processes 201 (1996) 153

Reactions
Sol–Gel Precursors, Sol–Gel Processes 201 (1996) 231

Semiconductors
Chalcogenide Glasses, Defects, Thin Films 201 (1996) 119

Silica
Aerogels, XPS 201 (1996) 76
Hydrogen in Glass, Infra-red Absorption, Water in Glass 201 (1996) 177

Silicates
EXAFS, Glasses Containing Transition Metal Ions, Structure, XANES 201 (1996) 81

Silicon
Alloys, Photoinduced Effects, Thermal Properties 201 (1996) 163

Silicon Carbide
Infra-red Absorption, Plasma Deposition, Thin Films 201 (1996) 110

Sol–Gel Precursors
Reactions, Sol–Gel Processes 201 (1996) 231

Sol–Gel Processes
Colloids, Optical Properties 201 (1996) 250
Drying, Fluorescence Spectra 201 (1996) 26
Drying 201 (1996) 150
Mechanical Properties, Modelling 201 (1996) 1
Rare Earth Ions 201 (1996) 153
Reactions, Sol–Gel Precursors 201 (1996) 231

Structure
EXAFS, Glasses Containing Transition Metal Ions, Silicates, XANES 201 (1996) 81
Modelling, Phosphates 201 (1996) 222

Thermal Properties
Aerogels, Electron Microscopy, Gels, Piezoresistance 201 (1996) 66
Alloys, Photoinduced Effects, Silicon 201 (1996) 163
Crystallization, Differential Scanning Calorimetry, Differential Thermal Analysis, Phosphates 201 (1996) 52
Electron Microscopy, Glasses Containing Transition Metal Ions, Magnetic Properties, Particles 201 (1996) 159
Fibers, Phase Separation 201 (1996) 267
Fibers, Phase Separation 201 (1996) 272
Phosphates 201 (1996) 262

Thin Films
Chalcogenide Glasses, Defects, Semiconductors 201 (1996) 119
Infra-red Absorption, Plasma Deposition, Silicon Carbide 201 (1996) 110

Transport Properties – Liquids
Germanium, Liquid Metals 201 (1996) 172

Viscosity
Elastic Properties, Mechanical Properties, Oxides 201 (1996) 128
Liquids 201 (1996) 146

Water in Glass
Hydrogen in Glass, Infra-red Absorption, Silica 201 (1996) 177

XANES
EXAFS, Glasses Containing Transition Metal Ions, Silicates, Structure 201 (1996) 81

XPS
Aerogels, Silica 201 (1996) 76